

Exercise: Maintenance Activity Observation

Conduct of Operations Course

Exercise:

Maintenance Activity Observation

Time Required: 60 minutes

Reference: (a) DOE-EM-STD-5505-96, Operations Assessments (Pgs. 6-8)

Activities: Using the exercise materials, the student will:

1. Practice the observation techniques discussed in the Operations Assessments Standard.
2. Identify the deficiencies which are observed during a video tape of a facility maintenance activity.

Objective: The above activities support student performance of the following:

1. Identify the key elements of assessments, surveillance, and audits, and their application (1.c)

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Instructional Aids/Materials:

1. Television, VCR, and Maintenance Activity Video Tape.
2. Instructor Guide and Student Workbook
3. DOE-EM-STD-5505-96, Operations Assessments

Presentation Method: Video Tape, Class Discussion

Instructor Notes:

1. Refer to the Student Workbook. Students should be instructed to identify the deficiencies and to record them in the space provided.
2. The underlined words are key words that have been intentionally left blank in the student workbook.
3. The italicized words are for instructors only and do not appear in the student workbook.

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Instructions:

- a) Observe the video and identify the deficiencies.
- b) Record the deficiencies in the space provided.
- c) Discuss the deficiencies with the class.

SHOW THE VIDEO

DISCUSS THE DEFICIENCIES

Deficiency List:

Panel Maintenance

1. ***No briefing by the supervisor. Did not ensure adequate understanding. No review of documentation.***
2. ***No supervisor check of qualification/level of knowledge - "You've done this before, haven't you?"***
3. ***Supervisor incorrectly stated procedure number as 5240. The wrong procedure was taken to the job site.***
4. ***Technicians did not review procedure.***
5. ***Technician made connections in live cabinet without electrical safety precautions.***
6. ***Use of improper tools (wrong size screwdriver and slip-joint pliers) on instrument valve.***

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7. *Job delayed due to inadequate prep (wrong pipe fitting).*
8. *Work performed across radiological barrier without gloves.*
9. *No action taken to correct potentially contaminated water on floor.*
10. *One technician took hard hat off.*
11. *Completed task with wrong procedure.*
12. *Trainee actions were unsupervised.*
13. *Work performed on wrong rack (H21-P005 instead of H21-P004).*
14. *Control room was not notified prior to start of work.*

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NOTES